

## ABSTRACT OF THE DISCLOSURE

A brake control apparatus having a brake pressure controlling unit including normally-open-type electromagnetic valves for preventing a fluid pressure transmitted from a master cylinder to wheel brakes when the valves close and a control unit executing an anti-lock brake control resolving a lock tendency of the wheels by controlling the operation of the brake pressure controlling unit according to a result of judgment of the lock tendency of wheels, and simultaneously executing a brake force distribution control distributing front and rear brake forces by controlling the normally-open-type electromagnetic valves in correspondence with rear wheels to close in such a manner that the normally-open-type electromagnetic valves are opened when the brake force distribution control is finished, wherein the control unit finishes the brake force distribution control after a vehicle stops and a load applied ahead of the vehicle is released.